

FIG. 1

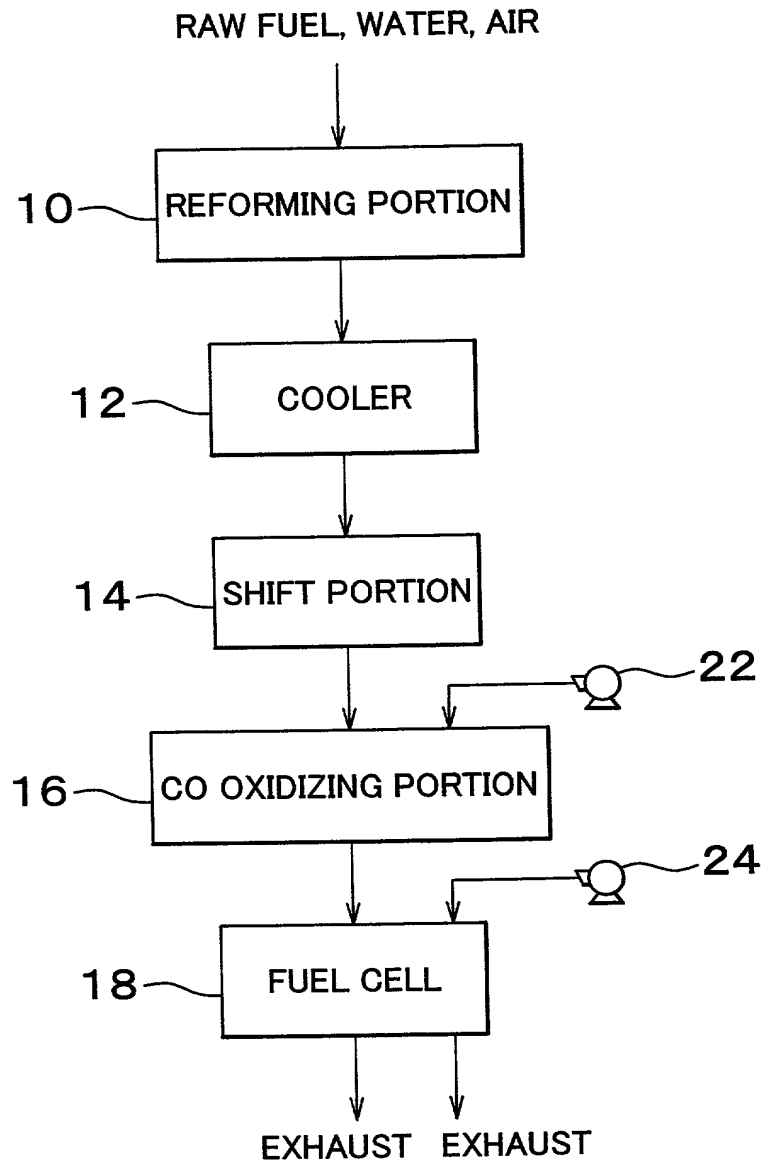


FIG. 2

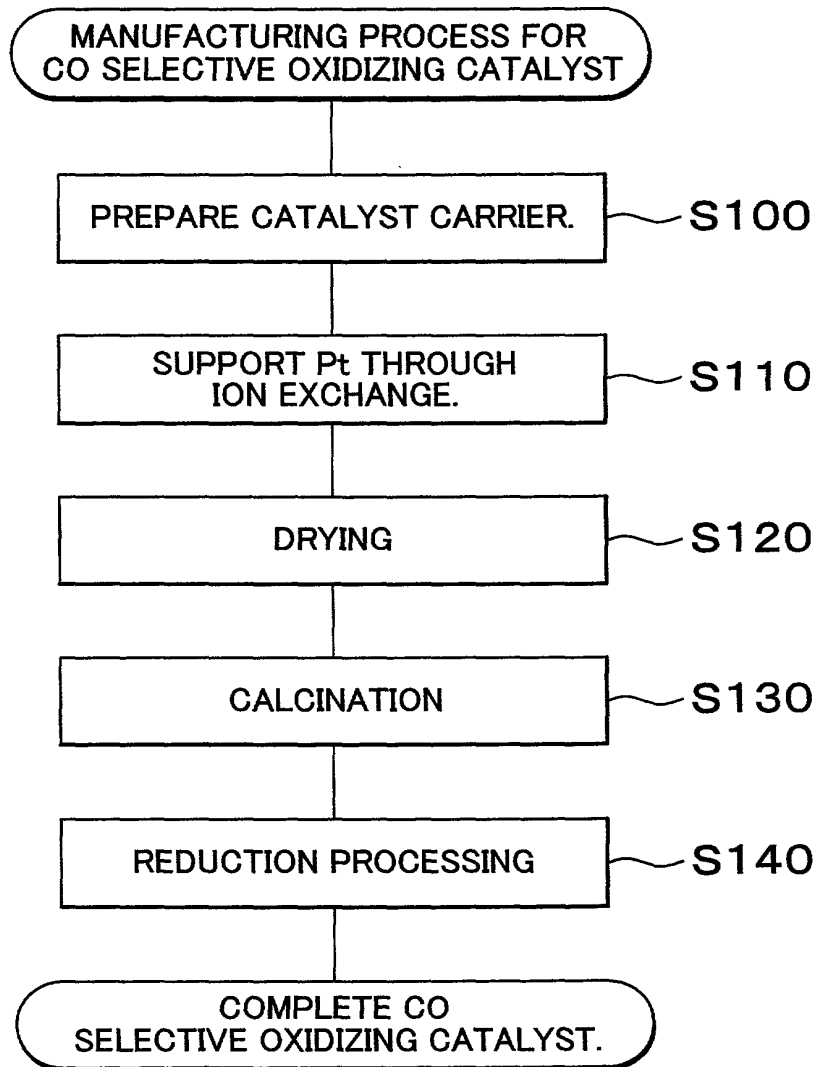


FIG. 3

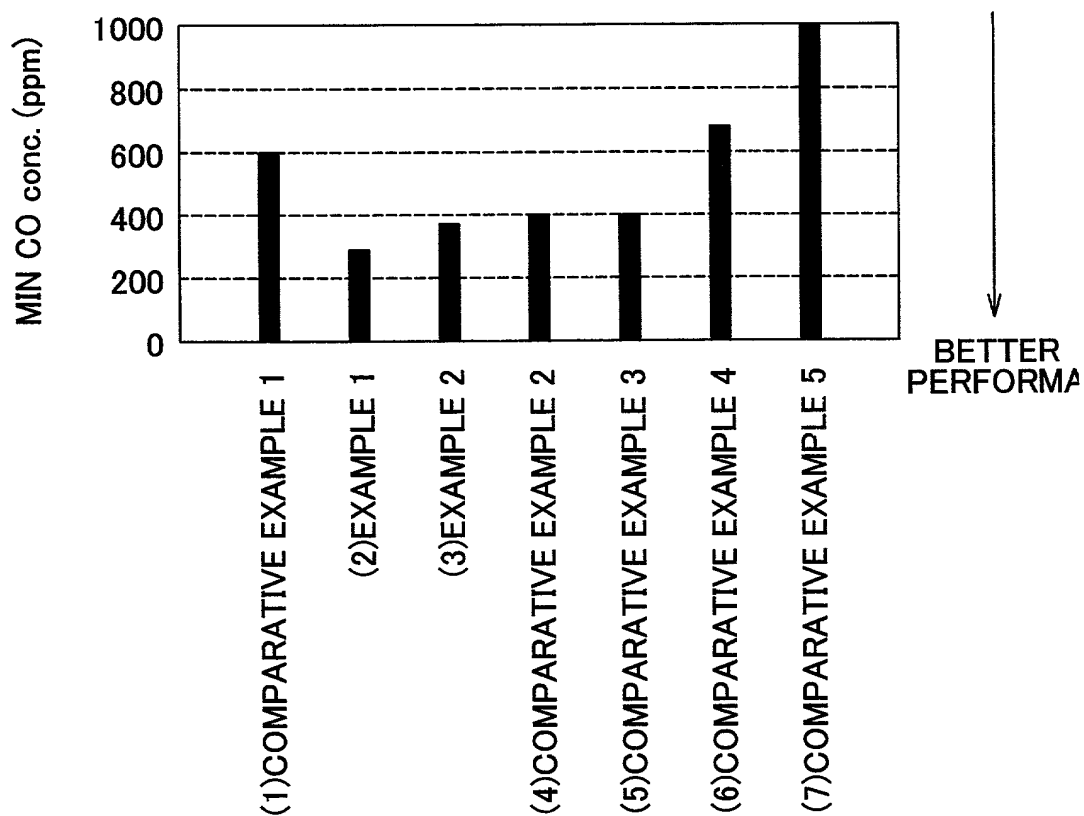
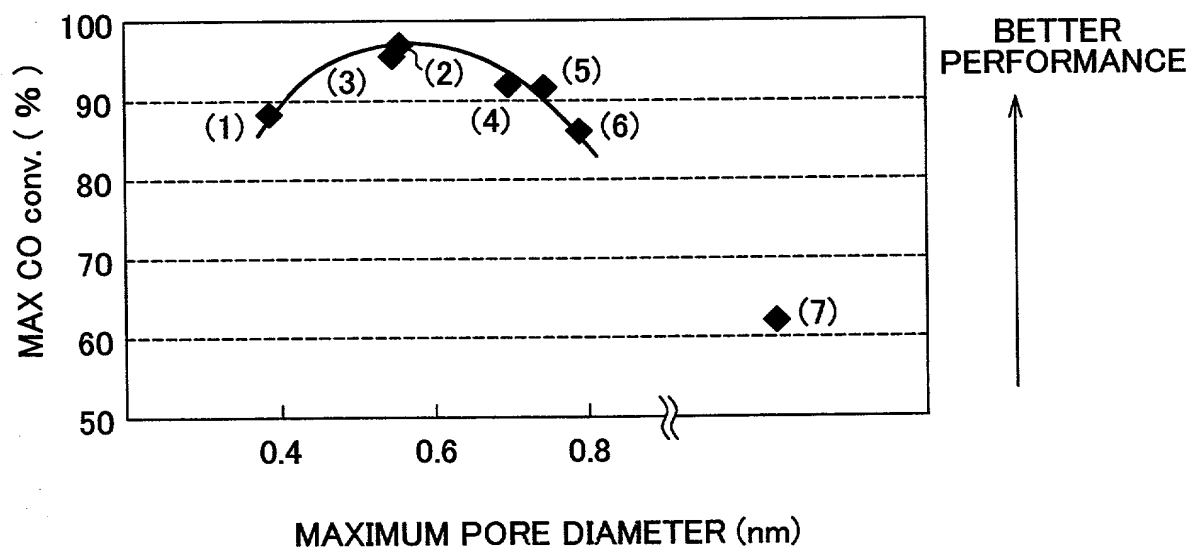
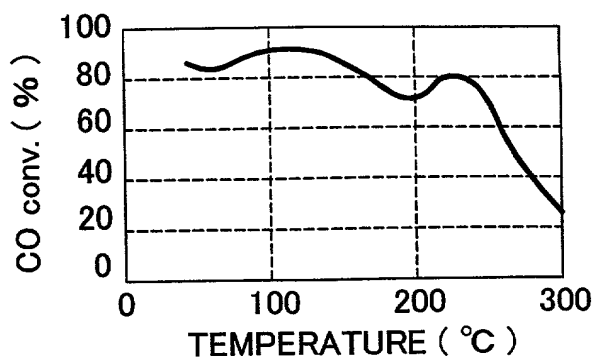


FIG. 4



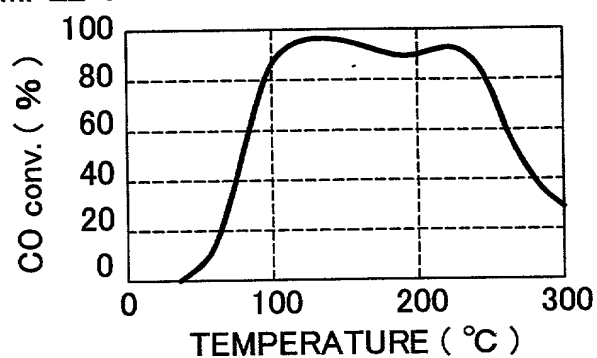
EXAMPLE 3 Pt-Fe/FERRIERITE

FIG. 5A



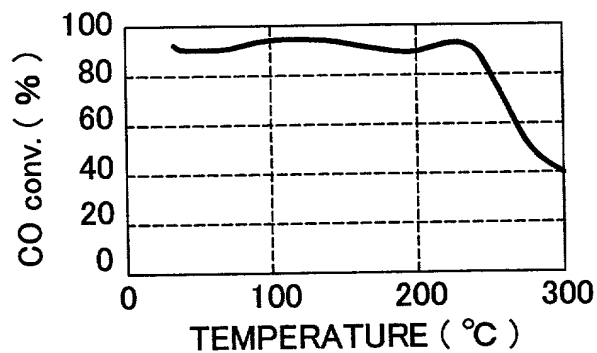
EXAMPLE 4 Pt-Ni/FERRIERITE

FIG. 5B



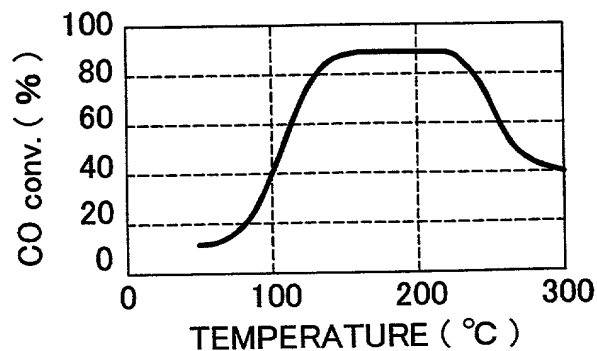
EXAMPLE 5 Pt-Co/FERRIERITE

FIG. 5C



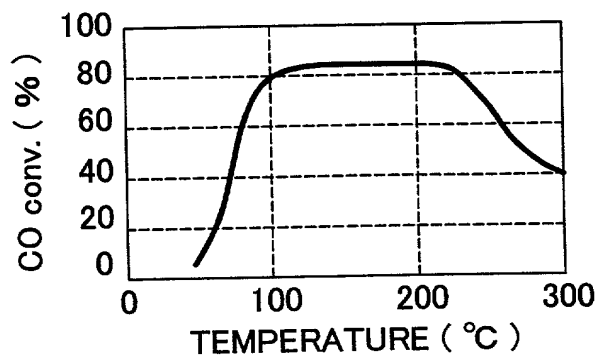
EXAMPLE 6 Pt-Mn/FERRIERITE

FIG. 5D



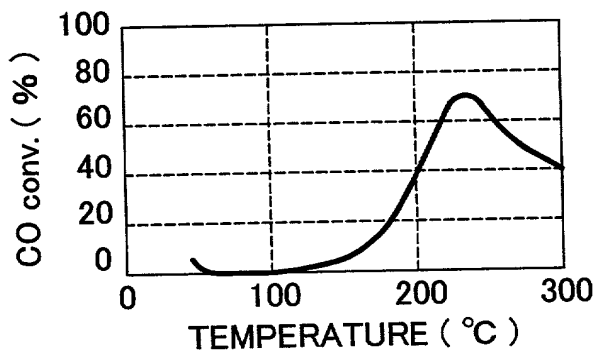
EXAMPLE 7 Pt-Cu/FERRIERITE

FIG. 6A



EXAMPLE 1 Pt/FERRIERITE

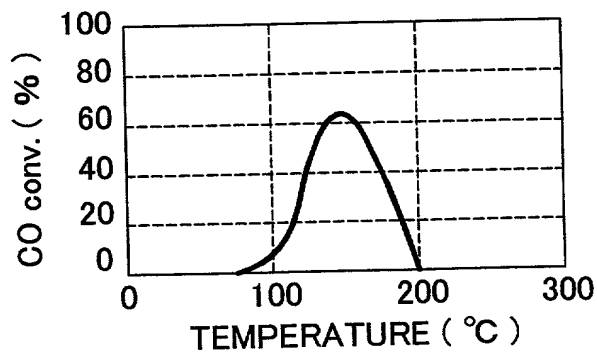
FIG. 6B



COMPARATIVE
EXAMPLE 5

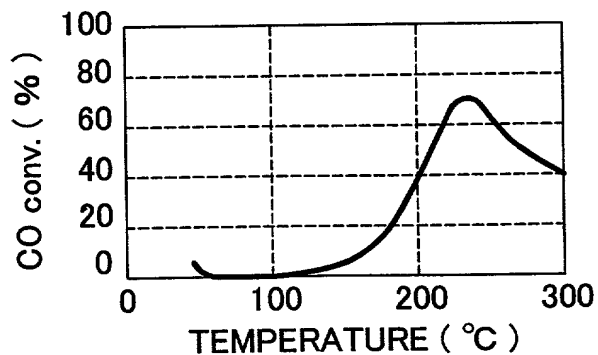
Pt/Al₂O₃

FIG. 6C



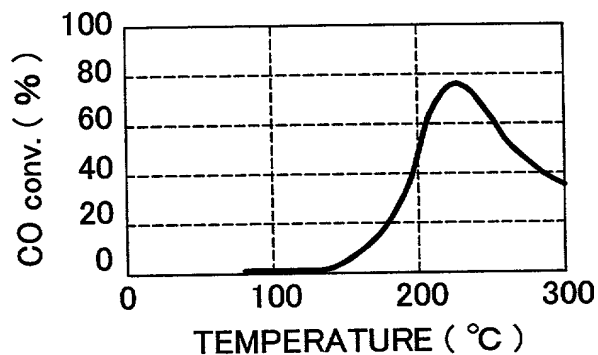
EXAMPLE 1 Pt : Fe=3 : 0

FIG. 7A



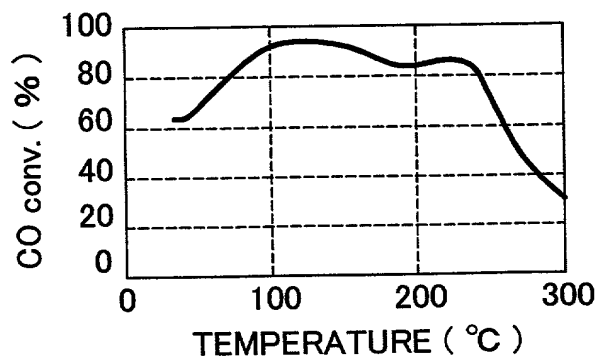
EXAMPLE 8 Pt : Fe=3 : 0.2

FIG. 7B



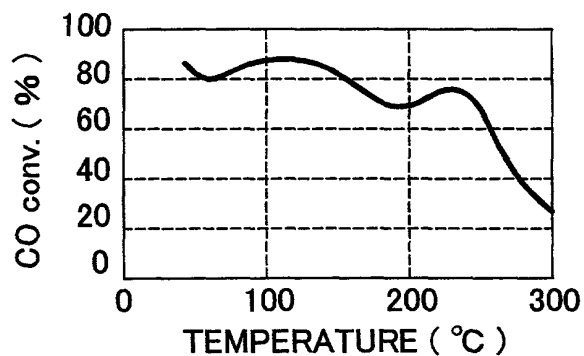
EXAMPLE 9 Pt : Fe=3 : 0.5

FIG. 7C



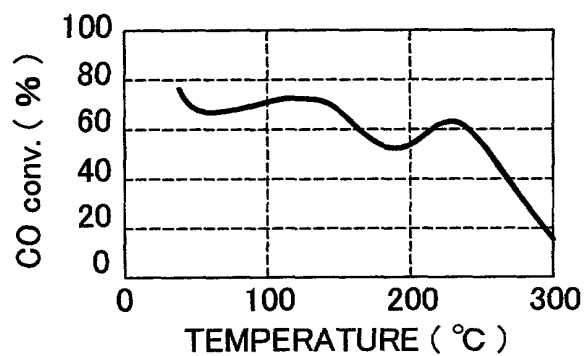
EXAMPLE 10 Pt : Fe=3 : 1.0

FIG. 8A



EXAMPLE 11 Pt : Fe=3 : 2.0

FIG. 8B



COMPARATIVE
EXAMPLE 5 Pt/Al₂O₃

FIG. 8C

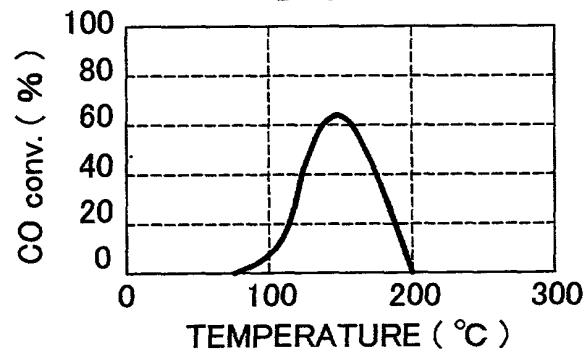
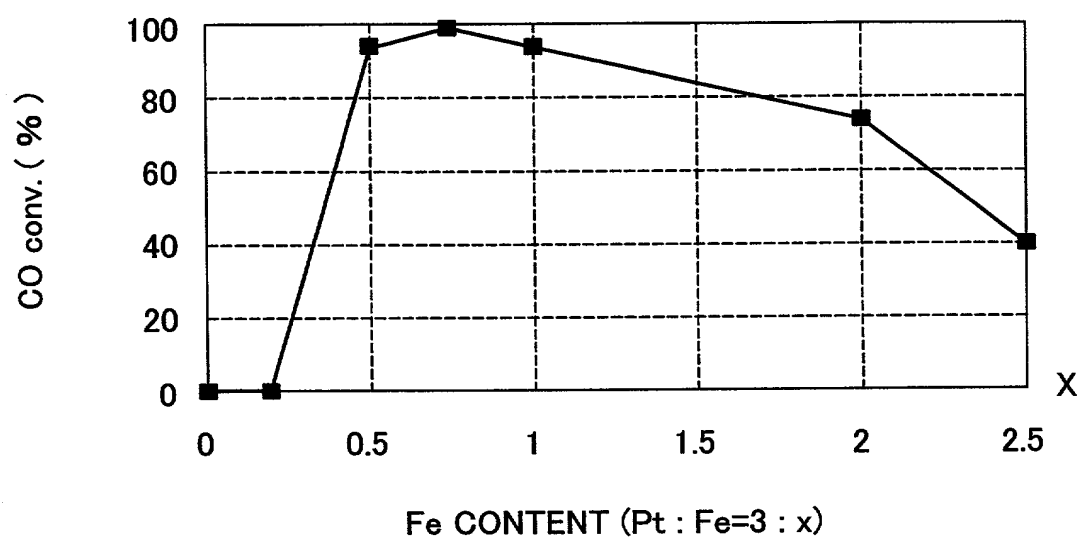
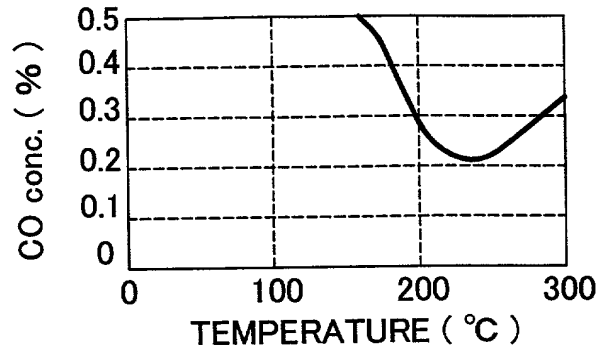


FIG. 9



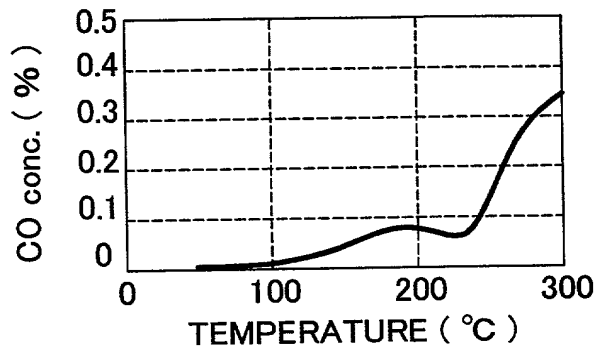
EXAMPLE 12-1 NO REDUCTION PROCESSING

FIG. 10A



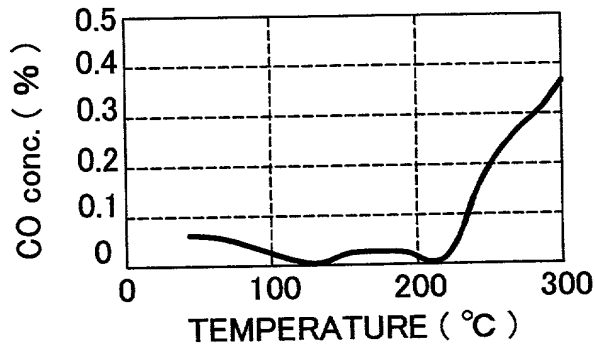
EXAMPLE 12-2 REDUCTION PROCESSING AT 300°C

FIG. 10B



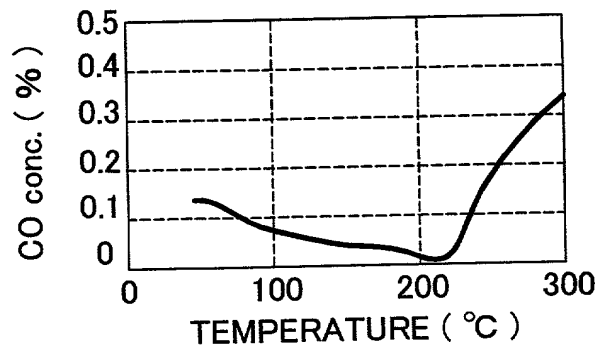
EXAMPLE 12-3 REDUCTION PROCESSING AT 350°C

FIG. 10C



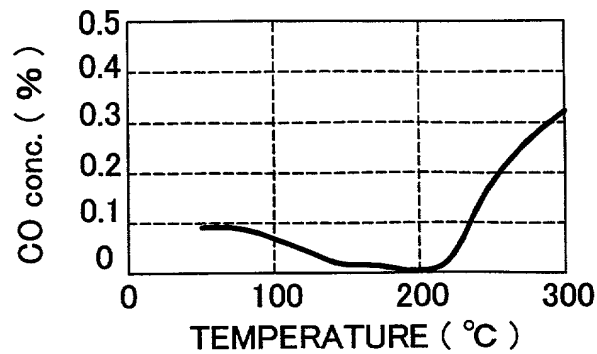
EXAMPLE 12-4 REDUCTION PROCESSING AT 400°C

FIG. 10D



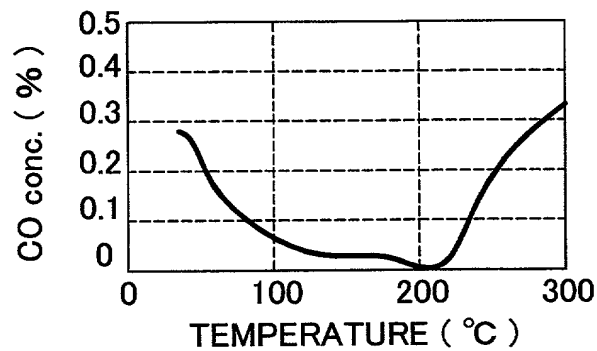
EXAMPLE 12-5 REDUCTION PROCESSING AT 450°C

FIG. 11A



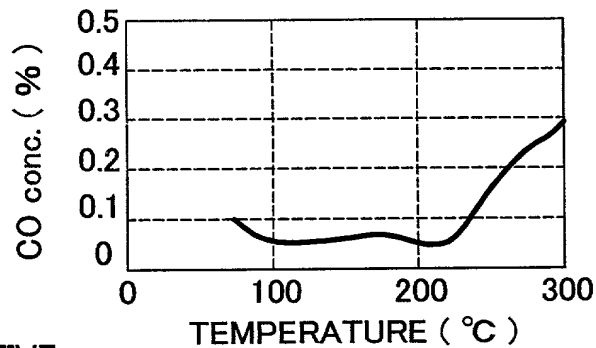
EXAMPLE 12-6 REDUCTION PROCESSING AT 500°C

FIG. 11B



EXAMPLE 12-7 REDUCTION PROCESSING AT 600°C

FIG. 11C



COMPARATIVE
EXAMPLE 5

FIG. 11D

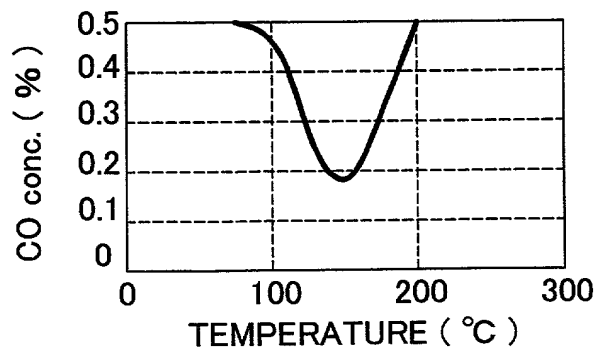


FIG. 12

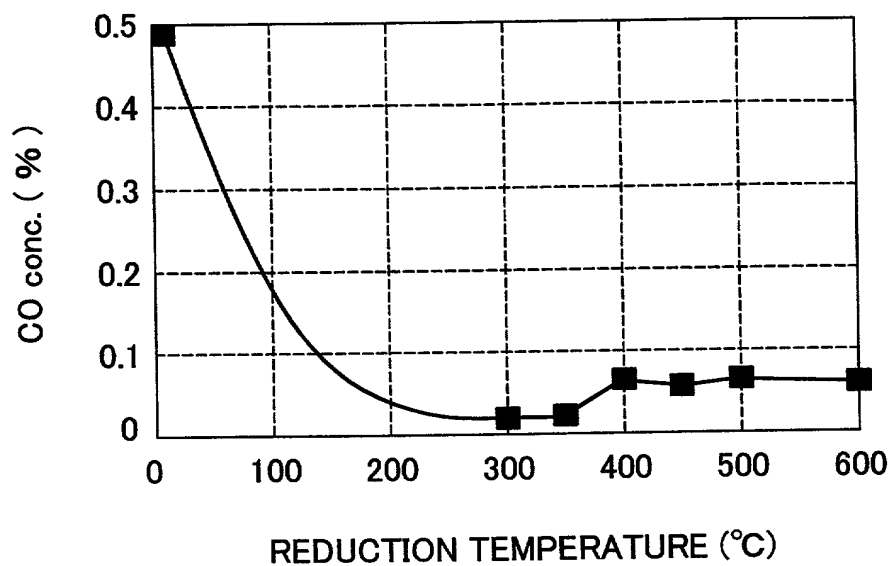


FIG. 13

